29

19 49. **File No.** L.A. 136/46

P.W. DEPARTMENT

El. BRANCH

Subject:— Jog Electric Scheme
Alleged delay in
completion of— —
[Q. No. 1385 by Mr. A.J. Doddamani
M.L.A. (Dharwar North)

B [K] 1949

File No. L.A. 136/46

Etd. Sectt. Slip 24-A

G. R., G. D., No. 2408, dated 22-6-[illegible]

Std. Sectt. 73 a.

DOCKET SHEET

Subject:—

File No. L.A. 136/46

P.W. **DEPT.**

EL. **BRANCH.**

References:—

Date.	To whom sent.	Notes and instructions.
30/1	~~EE~~ EE/PW	
6/8/45	D.S.	Issue as at 'A' on p. 1 of this section. (Copy of the previous at p. 3 may be sent.)
12/4	File B.	File (A)

L.A. 136/46

49918.

H. Br. (I)

P.W.D.

A copy of the question may be sent to H.P. for information.

H

copy of 103

A. C.

6/8/49

DS

6/8/49

9/8/49

L.A. 136/46

49918.

Gl. Br. (I).

P.W.D.

File No 2004/36, Part V, dealing with the question of utilisation of Jog power is req^d for the disposal of this case. It+ was sent to P.A. to the H.M., P.W.D., on Saturday last as the H.M. req^d it. The P.A. may be requested to return the same as it is req^d for answering the question within.

+ with their parts

Noted (S) 21/8

Filed 20/8/46.

To P.A. to the H.M. P.W.D.

L.A. 136/46/49918 4 H.M., P.W.D's office.

P.W.D. file 2004/36-V with the fp. is returned herewith, as required. It may be stated that the H.M. has seen the file and is now no longer required.

Bme.
25.8.49.

A.S. (PWD)

P-1182.
8.10.46.

UTILISATION OF JOG POWER.

In consideration of the consent given by the Government of Bombay to the Government of Mysore for the electrical development of water fall at Jog, the latter Government has agreed to sell to Bombay Government electric power up to 5000 H.P. (about 3,730 kWs.) at Jog on reasonable terms to be mutually agreed upon.

The problem of making the electric supply available at an economic price in the southern part of the Province, based on purchase of power from the Mysore Government, is under active consideration, and a further Press Note will be issued as soon as any definite conclusion is reached.

GJP.

PRESS NOTE.

154)

Utilisation of Jog Power in the Southern area of the Province of Bombay.

A load survey of the south of this Province has revealed the following position regarding the development of loads vis-a vis the supply of power from Jog. The total existing load is only about 4,000 K.Ws. and supply of power from Jog can only be a practical proposition if this load is multiplied several times. In the Belgaum-Hubli-Gadag area conditions are generally favourable for industrial development. However, even if the load in this area develops to 16,000 K.Ws. in 10 years, it will be necessary to charge at an average rate of .87 of an anna per unit to make the scheme self-supporting. These rates are considered to be high but if lower rates are charged Government will have to bear appreciable deficits for an indefinite period. The site of the proposed Kalinadi Hydro-Electric station is much nearer to this area and it may be found that this area can be best served from Kalinadi.

2. In the Sirsi-Siddhapur area there is no scope for development of any large scale industries. Consequently there is no point in bringing power from Jog a distance of 40 miles to this area.

3. The Honavar, Kunta and Gokarn area appears to be suitable for a limited industrial development. The difficult nature of the country will necessitate long circuitous routes of transmission lines and several river and creek crossings. Energy could be supplied at .75 of an anna per unit and the scheme might be self-supporting after 10 years.

4.

4. The Ranibennur-Byadgi-Haveri area could best be served from the Harihar Sub-station if lift irrigation and small industries develop in this area and are able to take a load of 2,300 K-Ws. The scheme would be self-supporting if the rate for energy is fixed at 1 anna per unit. With a lower rate there will be recurring deficits.

5. Government intends to take up again with the Mysore Government the question of supplying power from Jog at a cheaper rate. Cheap power by itself, even if it is immediately available, is not going to lead automatically to the establishment of industries in this area. It is necessary to study the industrial potentiality of the different parts of the area and then plan the supply of electricity accordingly. Government is contemplating the appointment of an officer with the requisite experience to study the position in detail and to review the existing industries and scope for new industries keeping in mind the availability of raw materials and the demand for the finished products. He would also examine the possibilities of large scale lift irrigation. In the meanwhile Government is also proceeding with the investigations of the Kalinadi Hydro-Electric Project.

BKR
22/4

PRESS NOTE.

The question of making electric supply from the Jog Project of the Mysore Government available to the southern part of this Province at an economic price is engaging the attention of the present Government since it assumed office. The first load survey in that connection was undertaken in 1946-1947. The result of this survey and the conclusions reached then were announced in a press note in April 1947. It was found necessary first to study the industrial potentialities of the different parts of the area and then plan the supply of electricity accordingly. Government has accordingly appointed in November 1947, Mr. Mirchandani, Conservator of Forests, to report on the industrial potentiality of the four Districts of Dharwar, Belgaum, Karwar (North Kanara) and Bijapur covering inter alia and in particular the state of existing industries, the scope of new industries in the region and the possibilities of utilising to the maximum possible extent the electric power that can be made available from the Jog Project.

2. In the meanwhile immediately after the press note referred to above was issued and at the request of the representatives of the people of Karnatak Dr. Ram Prasad of the Grid Department was deputed to review the position and to make a fresh report on the possibility of supplying the Jog power with reference to the existing and possible load development. His report was received in August 1947. He surveyed the Project from all possible points of view; from the point of view of bringing the power in (1) Hubli, (2) Haveri and (3) Kanara District. He also examined the possibility of supplying Jog power to be substituted later on by power from the Kalinadi Project. In ~~xxxx~~ conclusion he pointed out that the supply of Jog power in the south of the Province in advance of that from the Kalinadi Project will entail an overall deficit of Rs. 174 lakhs (approximately) which must be held over till the report of the Associated Consulting Engineers, who have been entrusted with the work of preliminary survey of the Kalinadi Project, becomes available. This is expected in October next, by which time the report of the Special Officer (Mr. Mirchandani) regarding industrial potentiality of the area will also be available. This position was accepted by Government and was made ~~x~~ clear by the Honourable Minister, Public Works Department, on the floor of the Legislative Council on the 5th March 1948. Government, however, did not stop at this position and decided to take up this question with the Mysore Government once again. Subsequently the question regarding the quantity of power that could be made available from Jog, the places and the rate at which it could be made available was discussed at ministerial level in a conference on the 22nd May 1948 at Bangalore, with the Honourable Minister of the Government of Mysore. As a result of these discussions, the Government of Mysore have promised to reduce the rate of supply and also to supply more power for our purposes. Government has accordingly asked its Electrical Commissioner to prepare fresh estimates for the supply of power to Hubli, Gadag, Bagalkot, Dandeli and Belgaum towns and surrounding areas and to consider the possibilities of supplying power to Ranebennur area and to the lift irrigation schemes on the River Tungabhadra prepared by the Agriculture and Rural Development Department. The Electrical Commissioner with the Government of Bombay has been instructed to give high priority to this work and Government will proceed further as soon as his report is received.

[written off and that further consideration of the question ~~xxxx~~ should be]

PRESS NOTE.
Utilisation of Jog Power.

The question of supply of Jog power was discussed in conference at ministerial level with the representatives of the Government of Mysore. As a result of these discussions the Government of Mysore has agreed that (i) a minimum of 10,000 kW. will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kW. at Harihar subject to a minimum charge and period of contract for this power supply.

2. Government has decided that the power of 10,000 kW. available at Jog bus bars should be distributed to Sirsi, Dandeli, Hubli, Dharwar and Gadag and that of 1,500 kW. available at Harihar to Haveri, Byadgi, Ranebennur and for irrigation pumping at Airani, Tumminkatti, Chikkakuruvatti and Guttal. The Electrical Commissioner has been asked to submit the necessary detailed plans and estimates and other necessary steps to speed up the execution of the scheme have been taken.

L.A.136/46/49918.

El.Br.(I). P.W.D.

Submitted.

+ ף ו ף ב ס.

2. Please see the short notice + question reg: the alleged delay in completion of Jog Electric Scheme proposed to be put in by Mr. A.J. Doddameti, M.L.A., (Dharwar North), in the ensuing session of the Leg: Assembly. The following remarks are offered in that connection.

+ ף ו ף ב ס

3. Clause (1) of the + question :- The question of making electric supply from the Jog Project of the Mysore Govt. to the southern part of the Province at an economic ~~province~~ price is engaging the attention of the present Govt. since it assumed office. Press notes explaining the position have been issued from time to time; in Octr. 1946, April 1947, Aug. 1948, the latest being issued on 13-8-1949, which indicates the latest position. Copies of these press notes are put up.

4. Clauses (2), (3) and (4) ibid :- Several representations have been recd. and attention of the parties concerned was generally drawn to the press notes issued from time to time, in some cases the position being explained with reference to the particular point raised therein and adding that Govt. is fully alive to the need of Karnatak reg: electric supply and is taking active steps in that connection. Prominent among these are the Karnatak M.L.As. and M.L.Cs., the Karnatak Chamber of Commerce, Kanara Dist. Central Co-operative Bank, Ltd., Karnatak Industrial Assn., Gadag, Karnatak Planning Assn., North Kanara Dist. Congress Committee, D.L.B., Dharwar and Munys. at Byadgi, Ranebennur and Haveri - vide for instance the following communications.

(1) .....

(1) G.L.No.2004/36-El(I), dt. the 10-10-1946 to the President, D.L.B., Dharwar and others.

(2) G.L.No.2004/36-El(I), dt. the 31-10-1946 to the Karnatak Chamber of Commerce.

(3) G.L.No.2004/36-El(I), dt. the 21-1-1947 to the Chairman, the Kanara Dist Central Co-operative Bank Ltd.

(4) G.L.No.2004/36-El(I), dt. the 18-3-1947, to the President, Gadag Municipal Borough.

(5) G.L.No.2004/36-El, dt. the 23-4-1947, to the party mentioned in (3) above with copies to some M.L.As.

(6) G.Ls.No.2004/36-El, dt. the 6-5-1947 to the President, Taluka Congress Committee, etc.

(7) G.L.No.2004/36-El, dt. the 23-4-1947, to the Karnatak Chamber of Commerce.

(8) G.L.No.2004/36-El, dt. the 5-5-1947 to Mr. Divekar of Hubli.

(9) G.L.No.2004/36-El, dt. the 25-8-1947, to Mr. S.P. Gaonkar, M.L.A.

(10) G.L.No.2004/36-El, dt. the 1-4-1948 to the Karnatak Industrial Association.

(11) G.L.No.2004/36-El, dt. the 1-6-1948, to Mr. N.S. Desai, M.L.C.

(12) G.L.No.2004/36-El, dt. the 18-5-1949, to the Karnatak Chamber of Commerce and others.

(13) G.L.No.2004/36-El(I), dt. the 23-8-1949, to the Karnatak Chamber of Commerce, Branch Office, Bagalkot.

(14) G.L.No.2004/36-El(I), dt. the 1-9-1949, to the Karnatak Chamber of Commerce, Hubli.

5. Clause (5) to (12) ibid :- On the 28th April 1948 the Hon'ble Mr. M.P. Patil, Minister for Agri., suggested that the H.M., P.W.D. may himself visit Bangalore and conclude the negotiations with the Govt. of Mysore. Subsequently both the H.M., P.W.D. and the H.M., Agri., accompanied by Dr. Ram Prasad of the Electric Grid Deptt. visited Bangalore and had a conference with the Minister of the Govt. of Mysore and other officials on the 22nd May 1948. The minutes of this conference will be found on pp. 273-283 of file No.2004/36-II put up below. The El. Commr. was asked on 9-6-1948 to submit the proposals on the basis of these minutes. These proposals were recd.

from .....

LA.136, 1c
44918

from the El. Commr. on the 30-8-1948 in the form of a third note. They were considered in a meeting of the Council of Ministers on the 12th Decr. 1948 and the decision interalia was that negotiations should be opened with the Govt. of Mysore for the supply of Jog power to Hubli. Subsequently at the suggestion of the El. Commr. the Hon'ble Minister for P.W. and the Hon'ble Minister for Agri, accompanied by the El. Commr. and Dr. Ram Prasad discussed the question at ministerial level at Bangalore on the 10th Feb. 1949. The minute of this conference will be found on pp. 129-136 of file No. 2004/36-V put up below. These minutes were confirmed by the Govt. of Mysore by their letter dt. the 5-4-1949. At this conference the question of supply of Jog power was considered under two heads viz. (1) for delivery at 11o KV at Jog bus bars and (2) for delivery at 66 KV at Harihar, Mysore State border. Reg: (1) the Mysore Govt. agreed that a minimum of 10,000 kW will be supplied at Jog at the rate of 0.225 anna per unit and reg: (2) it agreed to give 1,500 kW at Harihar subject to a minimum charge and period of contract for this power supply. Based on these agreements the El. Commr. was instructed personally by the H.M., P.W.D. at Bangalore to submit a revised note on the utilisation of Jog power, which he did on the 16th April 1949. The proposals of the El. Commr. for the distribution of available power were as follows :-

(1)	10,000 kW available at Jog.	To the towns of ~~Sirsi~~ Sirsi, Dandeli, Hubli, Dharwar and Gadag.
(2)	1,500 kW available at Harihar.	To Haveri, Byadgi, Rannebennur and for irrign. pumping (500 kW) at Airani, Tumminkatti, Chikka-Kuruvatti and Guttal.

These proposals have been appd. by Govt. in G.L.No.2004/36-El, dt. the 29-7-1949 and the El. Commr. has been asked to submit very urgently detailed plans and ests. for the schemes. Addl. estabt. reqd. by the El. Commr. in connection

with .....

L.A.136/46
499/18

with the scheme has also been sanctioned in G.L.No.2004/36-El, dt. the 29-7-1949. His proposal to entrust the work of survey of transmission lines for the scheme on contract to a private firm of surveyors whose quotations are most suitable has also been agreed to - vide G.L. No.2004/36-El, dt. the 29-7-1949.

6. The necy. draft reply to the question is put up for appl. and submission. Mr. A.J. Doddameti has been informed by the Secy., B'bay Legislature Deptt. that he should ascertain from the H.M., P.W.D. whether he agrees to give an immediate reply to the question and then ask the question on any day convenient to the H.M. during the ensuing Poona session. In case the H.M. desires to give an immediate reply the papers may kindly be retained by him; otherwise they may please be sent to the office for sending the reply to the Bombay Legislature Deptt. in the usual way.

7/9/49

2.
RKP
7-9-49.

7/9/49

9.9.49

Secy(I)

11/9/49

H.M.P.W.D.

I propose to reply to this short notice question on Tuesday, the 11th October 1949. The reply should be issued officially to the B.L.D. with an addition of para 3 in the endorsement at pp.13-14 of correspondence section, as under:-

3 "A detailed note on the arrangements re: electric motive power to be made available for Karnatak from electric energy to be generated from the Jog Water falls is also placed on the table of the House".

C.E. & Secy.(I).

J. W. D.

+ Vide Ref. 15 of 19 of the Cons. Section

The draft reply to the short notice question has now been signed. The papers are therefore submitted to H.M. P.W.D. in order to enable him to reply to the question on 11/10/49

7/10/49

8.10.49

H.M. P.W.D. (has seen).

(i) The minimum charges and the period of contract for the supply of 1500 kw. at Honiher, from Jog Power House, were to be communicated to Govt of Bombay by the Mysore Authorities, but so far they have not done so. The Electrical Commissioner has however assumed the following bases in working out the financial forecast of the distribution of this energy.

0.325 of an anna per unit
plus Rs 2/12 per KW. per month.

(ii) Proposal of entrusting the work of survey of transmission lines for the scheme, on contract to a private firm of Contractors has been agreed to. The Elec Comm has invited the tenders and they are to be received on the 20th inst. Soon upon receipt of these tenders, the Elec Comm will submit them to Govt, recommending the acceptable Tender.

as seen Bremner

The Short notice Question was replied to by the H.M., P.W.D. on the 11-10-49. Hence, the file is returned herewith to the P.W.D.

13.10.49

Alleged delay in completion of Jog Electric Scheme.

SHORT NOTICE

*1385. Mr. A. J. Doddameti (Dharwar North): Will the Honourable Minister for Public Works be pleased to state -

(1) whether it is a fact that Government is actively and seriously considering the Jog Electric Scheme since August 1946;

(2) how many representations either by individuals or institutions were made to this day to the Hon'ble Ministers while they were on tour in the Karnataka area or directly to Government;

(3) what were the replies given from time to time to these representations and on how many occasions;

(4) whether any assurances were given to Karnataka by Government in this matter;

(5) whether it is a fact that Government had deputed the Honourable Minister for Forests and Agriculture to have preliminary discussions in the matter with the Government of Mysore in or about May 1948;

(6) whether it is a fact that the Honourable Minister for Public Works had been to Bangalore to finalise the talks regarding the rates and quantity to be fixed;

(7) if so, what was the date of the final talks;

(8) whether any agreement, tentative or permanent, was reached; and if so, what were the terms of that agreement;

(9) what was the date on which the plans and estimates in regard to Jog Electricity Scheme were ordered to be prepared;

(10) whether the plans and estimates have been received; if so, when were they received;

(11) whether the administrative sanction for the execution of the plans has been accorded; if so, when; and if not, why not;

(12) what is the present position and policy of Government in regard to the utilisation of Hydro-Electric Power from Jog, in the Southern part of the province of Bombay ?

Very urgent
~~Immediate~~

No. 3374
Bombay Legislature Department,
Council Hall,
Bombay, 29th July 1949.

From

The Secretary to the Bombay Legislature Department,

To

The Secretary to Government,
Public Works Department.

Sir,

I am directed to forward herewith a copy of Short Notice Question No. 1385 proposed to be put in the Legislative Assembly by Mr. A.J. Doddameti, M.L.A., and to state that the Honourable the Speaker has admitted the question. Mr. A.J. Doddameti has been informed that he should ascertain from the Honourable Minister for Public Works whether he agrees to give an immediate reply to the question and then ask the question on any day convenient to the Honourable the Minister, during the ensuing Poona Session.

Yours faithfully,

(S.K.Sheode)
Secretary to the Bombay Legislature Department.

29.7.49

Alleged delay in completion of Jog Electric Scheme.

SHORT NOTICE

*1385. Mr. A. J. Doddameti (Dharwar North): Will the Honourable Minister for Public Works be pleased to state -

(1) whether it is a fact that Government is actively and seriously considering the Jog Electric Scheme since August 1946;

(2) how many representations either by individuals or institutions were made to this day to the Hon'ble Ministers while they were on tour in the Karnataka area or directly to Government;

(3) what were the replies given from time to time to these representations and on how many occasions;

(4) whether any assurances were given to Karnataka by Government in this matter;

(5) whether it is a fact that Government had deputed the Honourable Minister for Food and Agriculture to have preliminary discussions in the matter with the Government of Mysore in or about May 1948;

(6) whether it is a fact that the Honourable Minister for Public Works had been to Bangalore to finalise the talks regarding the rates and quantity to be fixed;

(7) if so, what was the date of the final talks;

(8) whether any agreement, tentative or permanent, was reached; and if so, what were the terms of that agreement;

(9) what was the date on which the plans and estimates in regard to Jog electricity Scheme were ordered to be prepared;

(10) whether the plans and estimates have been received; if so, when were they received;

(11) whether the administrative sanction for the execution of the plans has been accorded; if so, when; and if not, why not;

(12) what is the present position and policy of Government in regard to the utilisation of Hydro-Electric Power from Jog, in the Southern part of the province of Bombay ?

Alleged delay in completion of Jog Electric Scheme.

---

* 1385 Mr. A.J.Doddameti (Dharwar North). — The Hon'ble Dr. Jivraj N. Mehta.

Will the Hon'ble Minister for Public ~~Health~~ Works be pleased to state:

(1) whether it is a fact that Government is actively and seriously considering the Jog Electric Scheme since August 1946;

(1) The question is engaging the the attention of the present Govt. since it assumed office and the position obtaining has been made clear from time to time in the press notes issued on the subject. Copies of the press notes issued in Oct.1946, April 1947, Aug.1948 and Aug. 1949 are placed on the Assembly Table.

(2) how many representations either by individuals or institutions were made to this day to the Hon'ble Ministers while they were on tour in the Karnataka area or directly to Government;

(3) what were the replies given from time to time to these representations and on how many occasions;

(4) whether any assurances were given to Karnataka by Government in this matter;

(2), (3) and (4) : A number of representations have been recd. The attention of the parties concerned was generally drawn to the press notes issued from time to time, in some cases the position being explained with reference to the particular points ~~xx~~ raised therein and adding that Govt. is fully alive to the need of Karnatak reg: electric supply and is taking active steps in that connection.

(5) whether it is a fact that Government had deputed the Honourable Minister for Forests and Agriculture to have preliminary discussions in the matter with the Government of Mysore in or about May 1948;

(5) Yes, both the H.M., P.W.D. (Dr. Gilder) and the H.M., Agri., (Mr. M.P.Patil) were in Bangalore on the 22nd May 1948 to discuss the question with the Minister for Law and Labour of the Govt. of Mysore.

(6) .....

L.A.136/46
49918

12

*1385. Mr. A.J. Doddameti (Dharwar North) — The Hon'ble Dr.Jivraj N. Mehta.

(6) whether it is a fact that the Honourable Minister for Public Works had been to Bangalore to finalise the talks regarding the rates and quantity to be fixed;

(7) if so, what was the date of the final talks;

(8) whether any agreement, tentative or permanent, was reached; and if so, what were the terms of that agreement;

(6), (7) and (8).: Yes, along with the Hon'ble Minister for agri. (Mr.M.P.Patil). The discussions were held on the 10th Feb. 1949 and as a result of these discussions the Mysore Govt has agreed that (1) a minimum of 10,000 kW will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kW at Harihar subject to a minimum charge and period of contract for this power supply.

(9) what was the date on which the plans and estimates in regard to Jog Electricity Scheme were ordered to be prepared;

(10) whether the plans and estimates have been received; if so, when were they received;

(11) whether the administrative sanction for the execution of the plans has been accorded; if so, when; and if not, why not;

(12) what is the present position and policy of Government in regard to the utilisation of Hydro-Electric Power from Jog, in the Southern part of the Province of Bombay ?

(9), (10), (11) and (12) : On the basis of agreement refd. to above, the El.Commr. was asked in Feb. 1949 to submit proposals for the distribution of the available power and these proposals were recd. from him on 16th April 1949. They have been appd. by Govt. and the El. Commr. has been asked on 29-7-1949 to submit detailed plans and ests. On their receipt from the El.Commr. further action will be taken.

Attention of the Hon'ble Member is invited in this connection to the press note, issued on the 13-8-1949 a copy of which placed on the Assembly Table.

No.L.A.136/46-El(I). P.W.D., B.C., 7th Sept. '49.

Forwarded to the Secy. to the B'bay Legislature Deptt. with ref. to his letter No.3374, dt. the 29-7-1949.

2. One copy each of the press notes refd. to in the reply is enclosed with a request that they be placed on the Assembly

Table. .....

~~Immediate~~ Very urgent. 7

No. 3374
Bombay Legislature Department
Council Hall,
Bombay, 29th July 1949

From

The Secretary to the Bombay Legislature Department,

To

The Secretary to Government,
Public Works Department.

Sir,

I am directed to forward herewith a copy of short Notice Question No. 1385 proposed to be put in the Legislativ Assembly by Mr. A.J. Doddameti, M.L.A., and to state that the Honourable the Speaker has admitted the question. Mr. A.J. Doddameti has been informed that he should ascertain from the Honourable Minister for Public Works whether he agrees to give an immediate reply to the question and then ask the question on any day convenient to the Honourable ~~the~~ Minister, during the ensuing Poona Session.

Yours faithfully,

(S.K.Sheode)
Secretary to the Bombay Legislature Department.

No. 3375
Bombay Legislature Department,
Council Hall,
Bombay, 29th July 1949.

Copy forwarded with compliments to A.J. Doddameti, Esquir M.L.A., for information.

2. The question has been admitted in the amended form. It may be asked after obtaining the consent of the Honourable Minister for Public Works and informing this Department of the same.

(S.K.Sheode)
Secretary to the Bombay Legislature Department

Copy submitted to the Honourable Minister for Public Works for information.

L.A. 136/46
49118

table. (see also A on p 16 (N 5))

A. The M of W & P will be prepared to reply to the question on Tuesday, the 11th inst. Secy (S)

By order of the G. of B.

7/9/49

2.
RKP
7-9-49.

7/9/49

9.9.49

Alleged delay in completion of Jog Electric Scheme.

***

*1335. Mr.A.J.Doddamoti (Dharwar North): Will the Hon'ble Minister for Public Works be pleased to state:-

(1) whether it is a fact that Government is actively and seriously considering the Jog Electric Scheme since August 1946;

(2) how many representations either by individuals or institutions were made to this day to the Hon'ble Ministers while they were on tour in the Karnatak area or directly to Government;

(3) what were the replies given from time to time to these representations and on how many occasions;

(4) whether any assurances were given to Karnatak by Government in this matter;

(5) whether it is a fact that Government had deputed the Honorable Minister for Forests and Agriculture to have preliminary discussions in the matter with the Government of Mysore in or about May 1948;

(6) whether it is a fact that the Honorable Minister for Public Works had been to Bangalore to finalise the talks regarding the rates and quantity to be fixed;

(7) if so, what was the date of the final talks;

(8) whether any agreement, tentative or permanent, was reached; and if so, what were the terms of that agreement;

(9) what was the date on which the plans and estimates in regard to Jog Electricity Scheme were ordered to be prepared;

(10) whether the plans and estimates have been received; if so, when were they received;

(11) whether the administrative sanction for the execution of the plans has been accorded; if so, when; and if not, why not;

(12) what is the present position and policy of Government in regard to the utilisation of Hydro-Electric Power

from.

from Jog, in the Southern part of the Province of Bombay ?

The Hon:Dr.Jivraj N.Mehta: (1) The question is engaging the attention of the present Government since it assumed office and the position obtaining has been made clear from time to time in the press notes issued on the subject. Copies of the press notes issued in October 1946, April 1947, August 1948 and August 1949 are placed on the Assembly Table.

(2), (3) and (4): A number of representations have been received. The attention of the parties concerned was generally drawn to the press notes issued from time to time, in some cases the position being explained with reference to the particular points raised therein and adding that Government is fully alive to the need of Karnatak regarding electric supply and is taking active steps in that connection.

(5): Yes, both the H.M., P.W.D. (Dr.Gilder) and the H.M., Agri., (Mr.M.P.Patil) were in Bangalore on the 22nd May 1948 to discuss the question with the Minister for Law and Labour of the Government of Mysore.

(6), (7) and (8) : Yes, along with the Hon'ble Minister for Agriculture (Mr.M.P.Patil). The discussions were held on the 10th February 1949 and as a result of these discussions the Mysore Government has agreed that (i) a minimum of 10,000 kw. will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kw. at Harihar subject to a minimum charge and period of contract for this power supply.

(9), (10), (11) and (12): On the basis of agreement referred to above, the Electrical Commissioner was asked in February 1949 to submit proposals for the distribution of the available power and these proposals were received from him on 16th April 1949. They have been approved by Government and the Electrical Commissioner has been asked on 29-7-1949 to submit detailed plans

and

and estimates. On their receipt from the Electrical Commissioner further action will be taken.

Attention of the Hon'ble Member is invited in this connection to the press note issued on the 13-8-1949 a copy of which is placed on the Assembly Table.

***

No.L.A.136/46-E1(I). Public Works Department,
~~Bombay Castle~~ Poona, 7th October 1949.

Forwarded to the Secretary to the Bombay Legislature Department with reference to his letter No.3374 dated the 29-7-1949.

2. One copy each of the press notes referred to in the reply is enclosed with a request that they be placed on the Assembly Table.

3. A detailed note on the arrangements re:electric motive power to be made available for Karnatak from electric energy to be generated from the Jog Water falls is also placed on the table of the House.

4. The Hon'ble Minister for Public Works proposes to reply to the question on Tuesday, the 11th October 1949.

By order of the Governor of Bombay.

for Secretary to the Govt. of Bombay,
Public Works Department.

8-10-49

SHORT NOTICE QUESTION.

Alleged delay in completion of Jog Electric Scheme

*1385 (29.7.49) Mr. A. J. Doddameti (Dharwar North): Will the Honourable Minister for Public Works be pleased to state -

(1) whether it is a fact that Government is actively and seriously considering the Jog Electric Scheme since August 1946;

(2) how many representations either by individuals or institutions were made to this day to the Honourable Ministers while they were on tour in the Karnatak area or directly to Government;

(3) what were the replies given from time to time to these representations and on how many occasions;

(4) whether any assurances were given to Karnatak by Government in this matter;

(5) whether it is a fact that Government had deputed the Honourable Minister for Forests and Agriculture to have preliminary discussions in the matter with the Government of Mysore in or about May 1948;

(6) whether it is a fact that the Honourable Minister for Public Works had been to Bangalore to finalise the talks regarding the rates and quantity to be fixed;

(7) if so, what was the date of the final talks;

(8) whether any agreement, tentative or permanent, was reached; and if so, what were the terms of that agreement;

(9) what was the date on which the plans and estimates in regard to Jog Electricity Scheme were ordered to be prepared;

(10) whether the plans and estimates have been received; if so, when were they received;

(11) whether the administrative sanction for the execution of the plans has been accorded; if so, when; and if not, why not;

(12) what is the present position and policy of Government in regard to the utilisation of Hydro-Electric Power from Jog, in the Southern part of the Province of Bombay ?

THE HONOURABLE DR. JIVRAJ N. MEHTA:

(1) The question is engaging the attention of the present Government since it assumed office and the position obtaining has been made clear from time to time in the press notes issued on the subject. Copies of the press notes issued in October 1946, April 1947, August 1948 and August 1949 are placed+ on the Assembly Table.

(2), (3) and (4). A number of representations have been received. The attention of the parties concerned was generally drawn to the press notes issued from time to time, in some cases the position being explained with reference to the particular points raised therein and adding that Government is fully alive to the need of Karnatak regarding electric supply and is taking active steps in that connection.

(5) Yes, both the H.M.,P.W.D. (Dr. Gilder) and the H.M., Agri., (Mr.M.P. Patil) were in Bangalore on the 22nd May 1948 to discuss the question with the Minister for Law and Labour of the Government of Mysore.

P.T.OL

+ Kept in Secretary's Office.

22

(6), (7) and (8). Yes, along with the Honourable Minister for Agriculture (Mr. M.P.Patil). The discussions were held on the 10th February 1949 and as a result of these discussions the Mysore Government has agreed that (i) a minimum of 10,000 kw. will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kw. at Harihar subject to a minimum charge and period of contract for this power supply.

(9), (10), (11) and (12). On the basis of agreement referred to above, the Electrical Commissioner was asked in February 1949 to submit proposals for the distribution of the available power and these proposals were received from him on 16th April 1949. They have been approved by Government and the Electrical Commissioner has been asked on 29-7-1949 to submit detailed plans and estimates. On their receipt from the Electrical Commissioner further action will be taken.

Attention of the Honourable Member is invited in this connection to the press note issued on the 13-8-1949 a copy of which is placed+ on the Assembly Table.

+ Kept in Secretary's Office.

SBK/

23 P.W.D. file No. LA 136/46

Accompaniment to reply to Short Notice Question No. 1385 by Mr. A. J. Doddameti, M.L.A.

A detailed note on the arrangements regarding electric motive power to be available for Karnatak from electric energy to be generated from the Jog Water falls.

In consideration of the consent given by the Government of Bombay to the Government of Mysore for the electrical development of water falls at Jog the latter Government had agreed to sell to the Bombay Government electrical power up to 5,000 H. P. at Jog on reasonable terms to be mutually agreed upon. To take advantage of this offer, load surveys were carried out in 1946-47 and again in 1947-48 to find out the existing and possible load developments with a view to bring Jog power to (1) Hubli, (2) Haveri and (3) Kanara District in advance of that from the Kalinadi project, which the Government of Bombay has been investigating in the Kanara District. A special Officer was appointed by Government to investigate the industrial potentiality of the area. Government simultaneously decided to take up the question regarding the quantity of power that could be made available from Jog, the places and the rates at which it could be made available at Ministerial level with the Honourable Minister of the Government of Mysore. As a result of these discussions the Government of Mysore promised to supply more power and reduce the rate of supply.

2. The Special Officer appointed by Government for the load survey reported on the possibility of taking the following loads into consideration for supply of power:—

(1) Textile Industry load at Gadag, Hubli.

(2) Pulp and Paper Industry load at Dandeli.

(3) Match Industry load at Sirsi.

(4) Bauxite refining plant at Dandeli.

(5) Engineering industry and railway workshop at Hubli.

(6) Lift irrigation schemes on Tungabhadra.

3. Based on this knowledge of the load the Electrical Commissioner was asked to prepare a statement giving the probable figures of cost for supply of power to Karnatak. The Electrical Commissioner submitted three alternatives for:—

(1) the supply of power from Jog,

(2) the supply of power from Kalinadi,

(3) the supply of power from Jog and Kalinadi combined.

All these estimates were considered by Government and it was decided at a meeting of the Council of Ministers on the 12th December 1948 that negotiations should be opened at once with the

Government of Mysore for the supply of Jog power to Hubli. This question was taken up and was discussed at Ministerial level at Bangalore on the 10-2-1949 when H. M., P. W. D. and H. M. Agriculture were present. As a result of this conference the supply of Jog power was considered under two heads viz. (1) for delivery at 110 kv. at Jog bus bars and (2) for delivery at 66 kv. at Harihar, Mysore State border. Regarding (1) the Mysore Government agreed that a minimum of 10,000 kw. will be supplied at Jog at the rate of 0·225 anna per unit and regarding (2) it agreed to give 1,500 kv. at Harihar subject to a minimum charge and period of contract for this power supply. Based on these agreements the Electrical Commissioner was instructed personally by H. M., P. W. D. at Bangalore to submit a revised proposal for the utilization of the power thus made available.

4. The proposals for the distribution of the available power were submitted by the Electrical Commissioner on the 16th April 1949 and are as follows:—

4 (1) *Power Supply at Jog Busbars.*

Quantum of power available will be 10,000 kws. at the busbars and the rate will be 0·225 anna/unit.

4 (2) *Area to be served.*

The enclosed drawing No. Mis 87 shows the proposed lay-out of the transmission and distribution lines for power supply from Jog to Hubli, Gadag and Dandeli and from Harihar to Ranibennur, Byadgi and Haveri areas.

4 (3) *Loads and Load Centres—*

In the present scheme only the following load centres and corresponding loads have been considered :—

Load centre.	Group load.		Diversified load kw.
	Type.	Load kw.	
Sirsi ...	Town supply ...	150	
	Match factory ...	300	
	Water supply ...	50	400
		500	
Dandeli ...	Saw Mills ...	300	
	Pulp and paper mills ...	1,400	
	Aluminium factory ...	3,000	4,300
		4,700	

Load centre.	Group load.		Diversified load kw.
	Type.	Load kw.	
Hubli ...	Town supply ...	1,000	
	Textile Mills ...	1,000	
	Water supply ...	1,400	
	Railway Workshop ...	850	3,500
		4,250	
Dharwar ...	Town supply ...	500	600
	Plywood factory ...	200	
		700	
Gadag ...	Town supply ...	600	
	Textile mills ...	500	
	Water supply ...	70	
	Railway Workshop ...	30	1,000
		1,200	
			9,800
	Total Diversified Load ...		9,000 kw.

Note.—The total load delivered at these load centres equivalent to 9,000 kw. will correspond to a demand of 10,000 kw. at Jog after allowing for 10 per cent line and transformer losses.

5. *Transmission and Distribution System.*—To make the scheme economic and feasible, minimum equipment has been provided viz. single circuit lines on double circuit towers for 110 kv. system with a provision for duplicating the lines later on. For 33 kv. lines, single circuits on single circuit poles have been provided. Later on, if additional power is required to be transmitted, new pole lines will be put up. The proposal adopted is such that when the Kalinadi-Supa scheme is developed, the load centres considered in this note can be served with the least possible wastage of materials and equipment on the transmission lines and sub-stations now proposed.

6. *Approximate cost of the scheme*:—The total capital cost of the scheme will be of the order of Rs. 132 lakhs spread over a period of 3 to 4 years.

No.	Item.	Provision.
1	110 kv. transmission lines ...	122 miles (Single circuit on double circuit towers).
2	33 kv. and 11 kv. distribution lines. ...	64 miles (mostly single circuit on single line poles.
3	Number of sub-stations :—	
	(*a*) 5,000 kv and above ...	2
	(*b*) Others ...	4

7. *Financial Forecast*:—The financial forecast has been worked out on the assumption of the following rates for power supply to different consumers at the 11 kv. buses:—

No.	Type of load.	Rate anna/unit
1	Town supply (including domestic and small industrial load) ...	0·80
2	Big mills, workshops and water supply ...	0·65
3	Pulp and paper mills ...	0·50
4	Aluminium factory ...	0·25

On the basis of payment of 0·225 anna/unit to Mysore the scheme is expected to be self-supporting in the 4th year of operation.

8. *Power supply from Harihar*—

8 (*1*) Quantum of power available at the Bombay Mysore border near Harihar is 1,500 kw.

8 (2). *Load and load centres—*

This scheme includes power supply to the following townships and centres of irrigation pumping:—

Load centre.	Group loads. Type.	Load kw.	Diversified load kw.
Haveri ...	Town supply ...	200	
	Water supply ...	40	
		240	200
Byadgi ...	Town supply ...	200	
	Textile mill ...	300	
	Water supply ...	40	
		540	450
Ranibennur	Town supply ...	200	
	Oil mills ...	150	
	Water supply ...	50	
		400	330
	*Irrigation pumping		
Airani	.....	600	
Tummin-katti	.....	450	
Chikkakur-uvatti	.....	280	
Guttal	.....	600	
		1,930	500*
			1,480
	Total diversified load ...		1,350 kw.

*Note**.—The irrigation pumping stations will have to be operated in such a manner that the total maximum pumping load is limited to 500 kw.

Note 2.—The total load of 1,350 kw. will correspond to 1,500 kw. at the 66 kv. bus bars at Harihar after allowing for 10 per cent line and transformer losses.

9. *Apporximate capital cost.*—The total estimated capital cost of the proposed transmission and distribution system will be of the order of Rs. 44 lakhs spread over a period of 3 years.

10. *Financial forecast.*—The financial forecast has been worked out on the assumption of the following rates for power supply to

28

different consumers at the 11 kv. buses (and 3·3 kv. buses for irrigation pumping loads).

No.	Type of load.	Rate anna/unit.
1	Town supply (including domestic and small industrial loads).	1·25
2	Big mills and workshops ...	1·10
3	Water supply ...	1·10
4	Large scale irrigation ...	1·00

On the basis of payment of 0·325 anna/unit plus Rs. 2-12 per kw. per month (which works out to an average of about 0·41 anna/unit) at Harihar the scheme will be just self-supporting after the fifth year of operation.

11. All the above proposals have been approved by Government in Government Letter No. 2004/36-E1, dated the 29-7-1949 and the Electrical Commissioner has been asked to submit very urgently detailed plans and estimates for the scheme. Additional establishment required by the Electrical Commissioner in connection with the scheme has also been sanctioned on the same day.

12. The survey work for the transmission lines has been entrusted to a private firm of surveyors, Messrs. the Associated Engineers Ltd., in view of the fact that the line passes through thick jungle and difficult country for survey work.

PRINTED AT THE YERAVDA PRISON PRESS, POONA.

+ 31

SHORT NOTICE QUESTION.

Alleged delay in completion of Jog Electric Scheme.

*1385 (29.7.49) Mr. A. J. Doddameti (Dharwar North): Will the Honourable Minister for Public Works be pleased to state -

(1) whether it is a fact that Government is actively and seriously considering the Jog Electric Scheme since August 1946;

(2) how many representations either by individuals or institutions were made to this day to the Honourable Ministers while they were on tour in the Karnatak area or directly to Government;

(3) what were the replies given from time to time to these representations and on how many occasions;

(4) whether any assurances were given to Karnatak by Government in this matter;

(5) whether it is a fact that Government had deputed the Honourable Minister for Forests and Agriculture to have preliminary discussions in the matter with the Government of Mysore in or about May 1948;

(6) whether it is a fact that the Honourable Minister for Public Works had been to Bangalore to finalise the talks regarding the rates and quantity to be fixed;

(7) if so, what was the date of the final talks;

(8) whether any agreement, tentative or permanent, was reached; and if so, what were the terms of that agreement;

(9) what was the date on which the plans and estimates in regard to Jog Electricity Scheme were ordered to be prepared;

(10) whether the plans and estimates have been received; if so, when were they received;

(11) whether the administrative sanction for the execution of the plans has been accorded; if so, when; and if not, why not;

(12) what is the present position and policy of Government in regard to the utilisation of Hydro-Electric Power from Jog, in the Southern part of the Province of Bombay ?

THE HONOURABLE DR. JIVRAJ N. MEHTA:

(1) The question is engaging the attention of the present Government since it assumed office and the position obtaining has been made clear from time to time in the press notes issued on the subject. Copies of the press notes issued in October 1946, April 1947, August 1948 and August 1949 are placed+ on the Assembly Table.

(2), (3) and (4). A number of representations have been received. The attention of the parties concerned was generally drawn to the press notes issued from time to time, in some cases the position being explained with reference to the particular points raised therein and adding that Government is fully alive to the need of Karnatak regarding electric supply and is taking active steps in that connection.

(5) Yes, both the H.M.,P.W.D. (Dr. Gilder) and the H.M., Agri., (Mr.M.P. Patil) were in Bangalore on the 22nd May 1948 to discuss the question with the Minister for Law and Labour of the Government of Mysore.

P.T.O.

+ Kept in Secretary's Office.

(6), (7) and (8). Yes, along with the Honourable Minister for Agriculture (Mr. M.P.Patil). The discussions were held on the 10th February 1949 and as a result of these discussions the Mysore Government has agreed that (i) a minimum of 10,000 kw. will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kw. at Harihar subject to a minimum charge and period of contract for this power supply.

(9), (10), (11) and (12). On the basis of agreement referred to above, the Electrical Commissioner was asked in February 1949 to submit proposals for the distribution of the available power and these proposals were received from him on 16th April 1949. They have been approved by Government and the Electrical Commissioner has been asked on 29-7-1949 to submit detailed plans and estimates. On their receipt from the Electrical Commissioner further action will be taken.

Attention of the Honourable Member is invited in this connection to the press note issued on the 13-8-1949 a copy of which is placed* on the Assembly Table.

* Kept in Secretary's Office.

SBK/

L.A.136/46/66818

El Br (I) P.W.D

Submitted.

The file is with Hon'ble Minister, P.W.D. since 24-9-49.

Sd/
13/10/49

Re Resubmitted.

2/ The reply has been given. No action is necessary in the matter.

Record

Sd/
29/10/49

El (I)
13/10

L.A.136/46
66818